

Rec'd PCT/PTO 05 MAY 2005

PCT Application  
PCT/CN2003/000936

## PATENT COOPERATION TREATY

PCT

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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY  
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference  IEE030040PCT	FOR FURTHER ACTION		See Form PCT/IPEA/416
International application No.  PCT/CN03/00936	International filing date (day/month/year)  06.NOV.2003 (06.11.2003)	Priority date (day/month/year)  06.NOV.2002 (06.11.2002)	
International Patent Classification (IPC) or national classification and IPC  IPC <sup>7</sup> G01B5/245 7/305, B66B5/00			
Applicant  SUN, Lixin ETAL			
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:  <input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).  <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____ containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> <p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report  <input type="checkbox"/> Box No. II Priority  <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  <input type="checkbox"/> Box No. IV Lack of unity of invention  <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement  <input type="checkbox"/> Box No. VI Certain documents cited  <input type="checkbox"/> Box No. VII Certain defects in the international application  <input type="checkbox"/> Box No. VIII Certain observations on the international application</p>			

Date of submission of the demand  
  
30.MAR.2004 (30.03.2004)

Date of completion of this report  
  
20.AUG.2004 (20.08.2004)

Name and mailing address of the IPEA/

Authorized officer



Telephone No. 86-10-62085733

Facsimile No.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.  
PCT/CN03/00936

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- This report is based on translations from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
- international search (under Rules 12.3 and 23.1(b))
  - publication of the international application (under Rule 12.4)
  - international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):

- the international application as originally filed/furnished

- the description:

pages	_____	as originally filed/furnished
pages *	_____	received by this Authority on _____
pages *	_____	received by this Authority on _____

- the claims:

pages	_____	as originally filed/furnished
pages *	_____	as amended (together with any statement) under Article 19
pages *	_____	received by this Authority on _____
pages *	_____	received by this Authority on _____

- the drawings:

pages	_____	as originally filed/furnished
pages *	_____	received by this Authority on _____
pages *	_____	received by this Authority on _____

- a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.

3.  The amendments have resulted in the cancellation of:

<input type="checkbox"/> the description, pages	_____
<input type="checkbox"/> the claims, Nos.	_____
<input type="checkbox"/> the drawings, sheets/figs	_____
<input type="checkbox"/> the sequence listing ( <i>specify</i> ):	_____
<input type="checkbox"/> any table(s) related to sequence listing ( <i>specify</i> ):	_____

4.  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

<input type="checkbox"/> the description, pages	_____
<input type="checkbox"/> the claims, Nos.	_____
<input type="checkbox"/> the drawings, sheets/figs	_____
<input type="checkbox"/> the sequence listing ( <i>specify</i> ):	_____
<input type="checkbox"/> any table(s) related to sequence listing ( <i>specify</i> ):	_____

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.  
PCT/CN03/00936

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. Statement:

Novelty (N)      Claims 1–10      YES  
                      Claims \_\_\_\_\_      NO

Inventive step (IS)      Claims 1–10      YES  
                      Claims \_\_\_\_\_      NO

Industrial applicability (IA)      Claims 1–10      YES  
                      Claims \_\_\_\_\_      NO

## 2. Citations and explanations (Rule 70.7)

Claims 1–10 meet the criteria set out in PCT article 33(2) –(4), because the prior art does not teach or fairly suggest a detection method of lift guide rail perpendicularity, wherein including the steps defined as claim 1, and does not teach or fairly suggest a detector for implementing this detection method, wherein including the components defined as claim 2.

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## 专利合作条约

## PCT

专利性国际初步报告  
(PCT 第II章)  
(PCT36 和细则 70)

RECEIVED	
08 SEP 2004	
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申请人或代理人的档案号 IEE030040PCT	关于后续行为 参见 PCT/IPEA/416 表	
国际申请号 PCT/CN03/00936	国际申请日(日/月/年) 06.11 月 2003 (06.11.2003)	优先权日(日/月/年) 06.11 月 2002 (06.11.2002)
国际专利分类(IPC)或者国家分类和 IPC 两种分类 IPC <sup>7</sup> G01B5/245 7/305, B66B5/00		
申请人 孙立新 等		

1. 本报告是国际初步审查单位根据条约 35 做出的国际初步审查报告，并依照条约 36 将其传送给申请人。

2. 本报告共计 3 页，包括扉页。

3.  本报告还有附件，  
 a.  (传送给国际局和申请人) 共计 \_\_\_\_\_ 页，包含  
      修改后的并且作为本报告基础的说明书修改页、权利要求书修改页和/或附图修改页，和/或对本国际初步审查单位所做出的更正页(见 PCT 细则 70.16 和行政规程 607)。  
      国际初步审查单位认为修改超出原始公开范围的废除页，参见第 I 栏第 4 项和补充栏。  
 b.  (传送给国际局) 共计 (指明电子载体的类型和数量) \_\_\_\_\_，包含有在与序列表有关的补充栏中指明的计算机可读形式的序列表和/或与其相关的表格。(行政规程 802)

3. 本报告包括关于下列各项的内容：  
 I  报告的基础  
 II  优先权  
 III  不做出关于新颖性、创造性和工业实用性的意见  
 IV  缺乏发明的单一性  
 V  按条约 35(2)关于新颖性、创造性或工业实用性的推断性意见；支持这种意见的引证和解释  
 VI  引用的某些文件  
 VII  国际申请中的某些缺陷  
 VIII  对国际申请的某些意见

提交要求书的日期 30.3 月.2004 (30.03.2004)	完成本报告的日期 20.8 月.2004 (20.08.2004)
中华人民共和国国际知识产权局 IPEA/CN 中国北京市海淀区西土城路 6 号(100088)	受权官员 
传真号：(86-10) 62019451	电话号码 (86-10) 62085733

## I. 报告的基础

1. 关于所使用的语言, 除本项下另有说明外, 本书面意见基于的语言为提交本国际申请时所使用的语言。

本书面意见基于原始语言的使用后述语言之译文 \_\_\_\_\_,  
这种语言是

- 为了国际检索而提交的译文所使用的语言(细则 12.3 和 23.1 (b))。
- 为了国际申请的公布而提交的译文所使用的语言(细则 12.4)。
- 为了国际初步审查而提交的译文所使用的语言(细则 55.2 和/或 55.3)。

2. 关于国际申请中各个部分, 本报告基于(申请人为答复受理局根据条约 14 所发通知而提交的替换页, 在本报  
告中视为“原始提交”的文件, 不作为本报告的附件)

原始提交的国际申请。

- |                                     |                   |                    |          |
|-------------------------------------|-------------------|--------------------|----------|
| <input type="checkbox"/> 说明书,       | 第 _____ 页         | 原始提交的,             |          |
|                                     | 第 _____ 页         |                    | 初审单位收到的, |
|                                     | 第 _____ 页         |                    | 初审单位收到的。 |
| <input type="checkbox"/> 权利要求,      | 第 _____ 页,        | 原始提交的,             |          |
|                                     | 第 _____ 页,        | 按条约 19 条修改的(附有说明), |          |
|                                     | 第 _____ 页         |                    | 初审单位收到的, |
|                                     | 第 _____ 页         |                    | 初审单位收到的。 |
| <input type="checkbox"/> 附图,        | 第 _____ 页, 原始提交的。 |                    |          |
|                                     | 第 _____ 页*,       |                    | 初审单位收到的, |
|                                     | 第 _____ 页*,       |                    | 初审单位收到的。 |
| <input type="checkbox"/> 序列表和/或相关表格 | 参见与序列表有关的补充栏。     |                    |          |

3. 修改导致以下内容的删除:

- |  |                    |
|--|--------------------|
| <input type="checkbox"/> 说明书,            | 第 _____ 页          |
| <input type="checkbox"/> 权利要求,           | 第 _____ 项          |
| <input type="checkbox"/> 附图,             | 第 _____ 页, 图 _____ |
| <input type="checkbox"/> 序列表(具体说明)       | _____              |
| <input type="checkbox"/> 与序列表相关的表格(具体说明) | _____              |

4.  由于本报告附件的(某些)修改, 如下所列, 被认为超出了原始公开的范围, 如补充栏所示, 因此本报告是  
按照没有修改的情况做出的(细则 70.2(c))。

- |  |                    |
|--|--------------------|
| <input type="checkbox"/> 说明书,            | 第 _____ 页          |
| <input type="checkbox"/> 权利要求,           | 第 _____ 项          |
| <input type="checkbox"/> 附图,             | 第 _____ 页, 图 _____ |
| <input type="checkbox"/> 序列表(具体说明)       | _____              |
| <input type="checkbox"/> 与序列表相关的表格(具体说明) | _____              |

\*如果第 4 项适用, 一些或全部的文件页可能做出“废除”标记。

## 专利性国际初步报告

国际申请号

PCT/CN03/00936

## V. 按条约 35(2)关于新颖性、创造性或工业实用性的推断性意见；支持这种意见的引证和解释

## 1. 意见

新颖性(N)

权利要求 1—10

是

权利要求 \_\_\_\_\_

否

创造性(IS)

权利要求 1—10

是

权利要求 \_\_\_\_\_

否

工业实用性(IA)

权利要求 1—10

是

权利要求 \_\_\_\_\_

否

## 2. 引证和解释（细则 70.7）

现有技术没有公开一种电梯导轨垂直度检测方法，其中包括如权利要求 1 限定的各个步骤也没有公开一种实施该检测方法的电梯导轨垂直度检测仪，其中包括如权利要求 2 限定的各个部件，权利要求 1—10 符合 PCT 条约第 33 条 (2) — (4) 的规定。